

Differentiation: Questioning & Critical Thinking Learning Plan

Class Title: Questioning & Critical Thinking: Inquiring Minds Want to Know
Description: This class will explore the different types of questions used in K-12 classrooms and the techniques teachers can use to engage their students. It will also explore the ways that effective teachers can turn students' incorrect or unanticipated answers into learning opportunities. The exchange of questions and answers by both teachers and students is a key element of the learning process and its success depends on a classroom environment where students feel valued, where their answers are respected, and where teachers are sensitive to individual students' needs.
Learning Targets: <ul style="list-style-type: none"> ☑ How to make questions important and challenging for students ☑ How to frame questions to improve student learning ☑ How to effectively follow up on student responses ☑ How to involve students so they ask their own questions ☑ How to determine if the cause of a wrong or unexpected answer is misinterpretation of the question, lack of knowledge, or misconception ☑ How to adjust questions based on student responses ☑ How to involve the other students in determining an appropriate answer without offending the student who answered originally ☑ How to encourage students who struggle
WI Educator Standards addressed: 1,2,3,4,7,8
Class vocabulary: HOTS (Higher Order Thinking Skills), Information Questions, Processing Questions, Imaginative Questions, Preplanned Questions, Improvisational Questions, Opportunistic Questions, Open Questions, Overt Questions Covert Questions, Mirror Questions, Synopsis Questions, Clarifying Questions, Development Questions, Evaluating Questions, SEEK, Preference Questions.
Learning Styles accommodated in this class: Visual, Auditory, Tactile/Kinesthetic
Multiple Intelligences accommodated in this class: Visual/Spatial, Verbal/Linguistic, Interpersonal, Intrapersonal, Logical
Bibliography: <ul style="list-style-type: none"> ☑ The Master Teacher Asking Quality Questions to Leverage Learning, Volume 25, Number 21, February 2004. ☑ Johnson, Nancy L., Questioning Makes the Difference Pieces of Learning, 1990. ☑ Johnson Nancy L., The Quick Question Workbook. Pieces of Learning, 1999. ☑ Performance Learning Systems Effective Questioning, Issue 16, 2002. ☑ Morgan, Norah and Saxton, Juliana., Asking Better Questions, 2nd Edition. Stenhouse Publishers, 2006. ☑ Strong, Richard W. Hanson, J. Robert, and Silver, Harvey F. Questioning

Styles & Strategies, 2nd Edition. The Thoughtful Education Press, 1995.

- ☑ Association for Supervision and Curriculum Development. "How To" - Video Series for the Classroom Teacher. How to Improve Your Questioning Techniques. 1999.
- ☑ Association for Supervision and Curriculum Development. "How To" - Video Series for the Classroom Teacher: How to Turn Wrong Answers Into Learning, 2004.

Websites:



Differentiation: Differentiated instructional techniques will be modeled throughout the class to accommodate the different learning styles as well as multiple intelligences of the participants. Teachers will learn to formulate questions and assess learning through techniques designed to meet the needs of all learners.